SAFECOM
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CATV'S BEST POWERING OPTION
Since 1994

POWER BOOSTER

US ,EP PATENT

Extend powering range

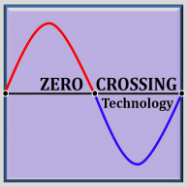
The patented power booster; a Passive & Standalone element solves the voltage drop problems in a CATV network caused by high-resistance and low energy efficient coax & electricity cables
Utilizing breakthrough direct on-line zero crossing AC/AC stabilizing technology safecom's ensures an optimal voltage level to Optical Nodes & Line Amplifiers even if the source of power from a very long distance.
Increasing the distance between remote power sources leads to a reduction in the number of power insertion points across the network, less power supplies (especially under-loaded power supplies are unnecessary), less street cabinets and permits are needed and less flat fees to the utility company for each of the power supply.

95+ EFFICIENCY

3 YEAR EXTENDED WARRANTY

WATER PROOF

- **87V(US) ,60V(EU) -15A AC/AC stabilizer –Zero Crossing Technology & RF-Pass 5-1218MHZ**



- **MINIMIZE THE NUMBER OF POWER SUPPLIES IN THE NETWORK.**
- **INCREASING THE POWERING AREA COVERED BY POWER SUPPLY**

Mechanical	
Dimensions (L , W , H) mm	250 X 200 X 152
Weight (Kg/lbs)	6/13.2
Finish	Passivation
Environment	
Operating Temperature	-40°C ÷ +60°C
Storage Temperature	-40°C ÷ +70°C
Humidity (water proof)	0 ÷ 100%
Standard Features	
Quick Connection In / Out Coax socket	√
Electronic Overload protection	
Power Booster Adaptor Indication Green /Red LED	√
RF	
Band width	5-1218Mhz
Through loss 1000 MHz	< 1.7 dB (+/- 0.5dB)
Return Loss	> 18 dB
RFI	>110 dB
Hum Modulation	> 65

Electronic	
Input Voltage range (Vac)	42-90 V(US) 32-72V (EU)
Input Frequency (Hz)	50/60 Hz
Max Output Current (A)	15A
Max Input Current	15A
Output Voltage range (Vac)	78 ÷90 V(US) 57÷63 V(EU/CN)
Voltage gain ratio (min)	1 : 1.03
Voltage gain ratio (Max)	1 : 1.56
Load Regulation (%)	<2%
Efficiency (%)	>95%
Transfer time	**ONLINE**

Surge immunity20	
EN61000-4-5	2.0kV (1.2/50µs, 2Ω). L →N and L,N →PE √
ANSI\SCTE 81 2012	6KV 10/700µSec √

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